Most frequently occurring classifications of patents returned
from a search Of 10644489 on Sep 25 , 2006

Original Classifications
```
12   375/267
 9   375/341
 4   375/340
 4   455/101
 3   370/203
 3   714/752
 3   375/232
 2   714/780
 2   375/299
 2   375/260
 2   375/347
 2   714/801
 2   375/343
 2   455/62
```

Cross-Reference Classifications
```
 5   375/265
 4   455/103
 4   375/347
 4   714/786
 3   375/299
 3   714/792
 3   375/346
 2   375/340
 2   375/267
 2   714/794
 2   714/782
 2   714/795
 2   455/296
 2   370/232
 2   455/422.1
 2   435/320.1
 2   435/325
 2   435/91.1
 2   536/23.1
```

Combined Classifications
```
14   375/267
 9   375/341
 6   375/340
 6   375/347
 6   375/265
 5   375/299
 5   714/786
 4   455/101
 4   455/103
 4   714/792
 4   375/346
 3   370/203
 3   714/780
 3   714/794
 3   375/260
 3   714/752
 3   375/232
 2   714/755
 2   375/298
 2   714/759
 2   714/782
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2    375/148
2    714/795
2    714/801
2    375/343
2    375/262
2    714/784
2    455/296
2    370/232
2    455/62
2    455/422.1
2    714/781
2    435/320.1
2    435/325
2    435/69.1
2    435/91.1
2    536/23.1
```

Titles of most frequently occurring classifications of patents returned
     from a search of 10644489 on Sep 25 , 2006

14   375/267   (12 OR, 2 XR)
            Class 375   PULSE OR DIGITAL COMMUNICATIONS
            375/259   .SYSTEMS USING ALTERNATING OR PULSATING CURRENT
            375/260   ..Plural channels for transmission of a single pulse train
            375/267   ...Diversity

 9   375/341   (9 OR, 0 XR)
            Class 375   PULSE OR DIGITAL COMMUNICATIONS
            375/316   .RECEIVERS
            375/340   ..Particular pulse demodulator or detector
            375/341   ...Maximum likelihood decoder or viterbi decoder

 6   375/340   (4 OR, 2 XR)
            Class 375   PULSE OR DIGITAL COMMUNICATIONS
            375/316   .RECEIVERS
            375/340   ..Particular pulse demodulator or detector

 6   375/347   (2 OR, 4 XR)
            Class 375   PULSE OR DIGITAL COMMUNICATIONS
            375/316   .RECEIVERS
            375/346   ..Interference or noise reduction
            375/347   ...Diversity (frequency or time)

 6   375/265   (1 OR, 5 XR)
            Class 375   PULSE OR DIGITAL COMMUNICATIONS
            375/259   .SYSTEMS USING ALTERNATING OR PULSATING CURRENT
            375/260   ..Plural channels for transmission of a single pulse train
            375/261   ...Quadrature amplitude modulation
            375/265   ....Trellis encoder or Trellis decoder

 5   375/299   (2 OR, 3 XR)
            Class 375   PULSE OR DIGITAL COMMUNICATIONS
            375/295   .TRANSMITTERS
            375/299   ..Plural diversity

 5   714/786   (1 OR, 4 XR)
            Class 714   ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
            714/699   .PULSE OR DATA ERROR HANDLING
            714/746   ..Digital data error correction
            714/786   ...Forward error correction by tree code (e.g.,
convolutional)

 4   455/101   (4 OR, 0 XR)
            Class 455   TELECOMMUNICATIONS
            455/91   .TRANSMITTER
            455/101   ..Diversity

 4   455/103   (0 OR, 4 XR)
            Class 455   TELECOMMUNICATIONS
            455/91   .TRANSMITTER
            455/103   ..Plural separate transmitters or channels

 4   714/792   (1 OR, 3 XR)
            Class 714   ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
            714/699   .PULSE OR DATA ERROR HANDLING
            714/746   ..Digital data error correction
            714/786   ...Forward error correction by tree code (e.g.,
convolutional)
            714/792   ....Trellis code

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4   375/346       (1 OR, 3 XR)
        Class 375     PULSE OR DIGITAL COMMUNICATIONS
        375/316       .RECEIVERS
        375/346       ..Interference or noise reduction

3   370/203       (3 OR, 0 XR)
        Class 370     MULTIPLEX COMMUNICATIONS
        370/203       .GENERALIZED ORTHOGONAL OR SPECIAL MATHEMATICAL TECHNIQUES

3   714/780       (2 OR, 1 XR)
        Class 714     ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
        714/699       .PULSE OR DATA ERROR HANDLING
        714/746       ..Digital data error correction
        714/752       ...Forward correction by block code
        714/780       ....Using symbol reliability information (e.g., soft
decision)

3   714/794       (1 OR, 2 XR)
        Class 714     ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
        714/699       .PULSE OR DATA ERROR HANDLING
        714/746       ..Digital data error correction
        714/786       ...Forward error correction by tree code (e.g.,
convolutional)
        714/794       ....Maximum likelihood

3   375/260       (2 OR, 1 XR)
        Class 375     PULSE OR DIGITAL COMMUNICATIONS
        375/259       .SYSTEMS USING ALTERNATING OR PULSATING CURRENT
        375/260       ..Plural channels for transmission of a single pulse train

3   714/752       (3 OR, 0 XR)
        Class 714     ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
        714/699       .PULSE OR DATA ERROR HANDLING
        714/746       ..Digital data error correction
        714/752       ...Forward correction by block code

3   375/232       (3 OR, 0 XR)
        Class 375     PULSE OR DIGITAL COMMUNICATIONS
        375/229       .EQUALIZERS
        375/230       ..Automatic
        375/232       ...Adaptive

2   714/755       (1 OR, 1 XR)
        Class 714     ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
        714/699       .PULSE OR DATA ERROR HANDLING
        714/746       ..Digital data error correction
        714/752       ...Forward correction by block code
        714/755       ....Double encoding codes (e.g., product, concatenated)

2   375/298       (1 OR, 1 XR)
        Class 375     PULSE OR DIGITAL COMMUNICATIONS
        375/295       .TRANSMITTERS
        375/298       ..Quadrature amplitude modulation

2   714/759       (1 OR, 1 XR)
        Class 714     ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
        714/699       .PULSE OR DATA ERROR HANDLING
        714/746       ..Digital data error correction
        714/752       ...Forward correction by block code
        714/759       ....Look-up table encoding or decoding

2   714/782       (0 OR, 2 XR)
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        Class 714    ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
        714/699      .PULSE OR DATA ERROR HANDLING
        714/746      ..Digital data error correction
        714/752      ...Forward correction by block code
        714/781      ....Code based on generator polynomial
        714/782      .....Bose-Chaudhuri-Hocquenghem code

  2  375/148      (1 OR, 1 XR)
        Class 375    PULSE OR DIGITAL COMMUNICATIONS
        375/130      .SPREAD SPECTRUM
        375/140      ..Direct sequence
        375/147      ...Receiver
        375/148      ....Multi-receiver or interference cancellation

  2  714/795      (0 OR, 2 XR)
        Class 714    ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
        714/699      .PULSE OR DATA ERROR HANDLING
        714/746      ..Digital data error correction
        714/786      ...Forward error correction by tree code (e.g.,
convolutional)
        714/795      ....Viterbi decoding

  2  714/801      (2 OR, 0 XR)
        Class 714    ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
        714/699      .PULSE OR DATA ERROR HANDLING
        714/799      ..Error/fault detection technique
        714/800      ...Parity bit
        714/801      ....Parity generator or checker circuit detail

  2  375/343      (2 OR, 0 XR)
        Class 375    PULSE OR DIGITAL COMMUNICATIONS
        375/316      .RECEIVERS
        375/340      ..Particular pulse demodulator or detector
        375/343      ...Correlative or matched filter

  2  375/262      (1 OR, 1 XR)
        Class 375    PULSE OR DIGITAL COMMUNICATIONS
        375/259      .SYSTEMS USING ALTERNATING OR PULSATING CURRENT
        375/260      ..Plural channels for transmission of a single pulse train
        375/261      ...Quadrature amplitude modulation
        375/262      ....Maximum likelihood decoder or viterbi decoder

  2  714/784      (1 OR, 1 XR)
        Class 714    ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
        714/699      .PULSE OR DATA ERROR HANDLING
        714/746      ..Digital data error correction
        714/752      ...Forward correction by block code
        714/781      ....Code based on generator polynomial
        714/784      .....Reed-Solomon code

  2  455/296      (0 OR, 2 XR)
        Class 455    TELECOMMUNICATIONS
        455/130      .RECEIVER OR ANALOG MODULATED SIGNAL FREQUENCY CONVERTER
        455/296      ..Noise or interference elimination

  2  370/232      (0 OR, 2 XR)
        Class 370    MULTIPLEX COMMUNICATIONS
        370/229      .DATA FLOW CONGESTION PREVENTION OR CONTROL
        370/230      ..Control of data admission to the network
        370/232      ...Based on data flow rate measurement

  2  455/62       (2 OR, 0 XR)
        Class 455    TELECOMMUNICATIONS
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          455/39         .TRANSMITTER AND RECEIVER AT SEPARATE STATIONS
          455/62         ..Optimum frequency selection

   2  455/422.1     (0 OR, 2 XR)
          Class 455      TELECOMMUNICATIONS
          455/403        .RADIOTELEPHONE SYSTEM
          455/422.1      ..Zoned or cellular telephone system

   2  714/781        (1 OR, 1 XR)
          Class 714      ERROR DETECTION/CORRECTION AND FAULT DETECTION/RECOVERY
          714/699        .PULSE OR DATA ERROR HANDLING
          714/746        ..Digital data error correction
          714/752        ...Forward correction by block code
          714/781        ....Code based on generator polynomial

   2  435/320.1     (0 OR, 2 XR)
          Class 435      CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
          435/320.1      .VECTOR, PER SE (E.G., PLASMID, HYBRID PLASMID, COSMID,
VIRAL VECTOR, BACTERIOPHAGE VECTOR, ETC.) BACTERIOPHAGE VECTOR, ETC.)

   2  435/325        (0 OR, 2 XR)
          Class 435      CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
          435/325        .ANIMAL CELL, PER SE (E.G., CELL LINES, ETC.); COMPOSITION
THEREOF; PROCESS OF PROPAGATING, MAINTAINING OR PRESERVING AN ANIMAL CELL OR
COMPOSITION THEREOF; PROCESS OF ISOLATING OR SEPARATING AN ANIMAL CELL OR
COMPOSITION THEREOF; PROCESS OF PREPARING A COMPOSITION CONTAINING AN ANIMAL CELL;
CULTURE MEDIA THEREFORE

   2  435/69.1      (1 OR, 1 XR)
          Class 435      CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
          435/41         .MICRO-ORGANISM, TISSUE CELL CULTURE OR ENZYME USING PROCESS
TO SYNTHESIZE A DESIRED CHEMICAL COMPOUND OR COMPOSITION
          435/69.1       ..Recombinant DNA technique included in method of making a
protein or polypeptide

   2  435/91.1      (0 OR, 2 XR)
          Class 435      CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
          435/41         .MICRO-ORGANISM, TISSUE CELL CULTURE OR ENZYME USING PROCESS
TO SYNTHESIZE A DESIRED CHEMICAL COMPOUND OR COMPOSITION
          435/72         ..Preparing compound containing saccharide radical
          435/84         ...Preparing nitrogen-containing saccharide
          435/85         ....N-glycoside
          435/89         .....Nucleotide
          435/91.1       ......Polynucleotide (e.g., nucleic acid, oligonucleotide,
etc.)

   2  536/23.1      (0 OR, 2 XR)
          Class 536      ORGANIC COMPOUNDS -- PART OF THE CLASS 532-570 SERIES
          536/1**1       .ORGANIC COMPOUNDS (Class 532, Subclass 1)
          536/1.11       ...Carbohydrates or derivatives
          536/18.7       ...Nitrogen containing
          536/22.1       ....N-glycosides, polymers thereof, metal derivatives (e.g.,
nucleic acids, oligonucleotides, etc.)
          536/23.1       .....DNA or RNA fragments or modified forms thereof (e.g.,
genes, etc.)
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